

# Farm and Garden

## WINTERING BEES.

Packing Colonies in Straw in an Open Storm Shed.

At the back side of the bee building at the Montana experiment station and running the length of it is a room with a dirt floor fitted up with two skeleton shelves of 2 by 4 so that some forty or fifty colonies of bees may be wintered under as nearly normal conditions as possible, with the entrances connected with the outside, permitting the bees to fly at will.

Above these rooms in the gable roof is ample storage room for empty hives and for surplus combs when not in use for the honey harvest.

During the first two winters prior to the erection of this bee house expert

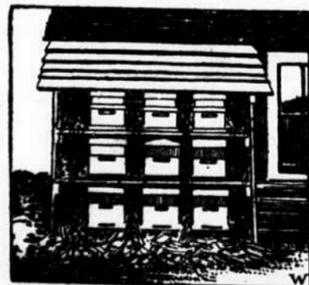


SHED FOR BEEHIVES.

ments were carried on in outdoor wintering and in packing a number of colonies in straw under one roof. The experiments during the last two years were not only modified by the indoor wintering with packing only above the colonies, but also by packing colonies in straw in an open shed against the side of the house. (See the accompanying figures.)

Outdoor wintering is usually accomplished in chaff hives, and one great objection is the expensiveness of these hives. Otherwise, since it is the most normal condition for bees, this method is to be recommended for inexperienced beekeepers. The feature of these chaff hives is a double wall with from three to eight inches of space between the walls on all sides, including the bottom, filled with some nonconductor of heat like straw, chaff, paper or ground cork. The effect of this packing is to retain the heat and at the same time permit the moisture produced by the bees to pass off.

To further permit moisture to escape the oil or carriage cloth quilt used in summer is removed and a canvas quilt placed over the frames. Above this newspapers, a piece of old quilting or a chaff tray may be used to retain the heat. Then above this material to retain the heat there should be an open space with free ventilation, accomplished by auger holes through the gable ends of the roof. The roof and whole hive should be thoroughly painted and the hive placed several inches off the ground to prevent freezing and thawing and the attendant soaking up of water. The entrance formed by a bridge passageway through the packing at the usual place is contracted to



HIVES IN PLACE.

(Ready for a winter protection of boards and straw to be put across the front.) an inch or so for the winter. There should be in most instances no trouble in wintering bees so packed if they are strong in numbers and with plenty of stores.—Montana Experimental Station.

## Dried Leaves Useful.

Plenty of dried leaves should be gathered for bedding and to bank up cellars and pits, suggests American Cultivator. Bog hay is also good for this purpose. In some localities large areas of brook hay and bog hay have this year not been considered worth cutting for stock, but now that work is not so pressing some farmers could find time to cut this grass for bedding and mulch. Simply mow it, leave it for a day or two, then turn the swaths, and next day it will be cured well enough for these purposes.

## Boll Weevil Problems.

All students of the problem of boll weevil control have agreed that in the prevention of successful hibernation lies the most effectual means of reducing the numbers of the weevil and preventing injury the next season. Two methods are advocated—first, the destruction of the stalks in the fall as early as possible, and second, rotation of the cotton crop, planting on land not in cotton the previous year and as far from such land as is possible.—E. Dwight Sanderson.

Dodder Not Poisonous to Stock. Dodder is not poisonous to stock. Many carrying dense bunches of it in usually pushed aside by stock, says an authority, on this subject.

# Farm and Garden

## OUTDOOR EVAPORATOR.

A Handy Arrangement For Drying Fruit in Small Quantities.

Portable evaporators are especially convenient when it is desired to dry only a few bushels of fruit at any one time. The usual sizes have a capacity of five to ten bushels a day, and even more in some cases, although the quantity will of course vary with the attention given to them. As they are complete in themselves and are not too heavy to be readily moved they may be placed wherever convenience from time to time dictates.

The figure shows an evaporator of this type which is constructed entirely



PORTABLE EVAPORATOR.

of wood, except the parts in direct contact with the heater. There is space for ten trays for holding fruit, the dimensions of which are 2½ by 3 feet. Each tray holds about one-half bushel of fruit. Modifications of such an equipment to suit individual needs and conveniences readily suggest themselves.

There are several other styles of this type obtainable from manufacturers which are made of sheet iron, usually galvanized. As no wood enters into their construction danger from fire is eliminated. One of these styles is provided with a heat deflector and so constructed that hot currents of air pass over the fruit as well as up through it, the claim being made that this movement of air induces a more rapid drying of the fruit than in ordinary methods of construction.—H. P. Gould.

## Denatured Alcohol.

The manufacture of denatured alcohol is engrossing the attention of farmers everywhere in the United States. However, the development of the industry since the favorable legislation by congress last year has been hindered by the apparent inability of farmers to immediately put the business on an economical and practical basis, says New England Homestead. It will naturally take some little time to work out this problem. A brief reference to conditions in France, where the industry is a practical success, will prove instructive.

It is claimed on the continent that alcohol can be made more profitably from sugar beets than from potatoes. At least this has proved so in France. Farmers there, however, say that the distillation of beets ceases to be profitable when the price of alcohol falls below 25 cents per gallon. In Germany great quantities of potatoes are distilled, largely by the small farmer, yet in many instances these are favored by a premium or bounty of special character which helps make production profitable. In France the farmer aims to do his distilling after crops are harvested, when he has some slack time on his hands.

## When We Were All Tenors.

The primitive inhabitants of Europe were all tenors. Their descendants of the present time are baritone, and future generations will have semibass voices. The voice has a tendency to deepen with age. The tenor of twenty becomes the baritone of twenty-eight and the bass of thirty-six. The inferior races have higher pitched voices than the more cultured. The negro has a higher voice than the white man. Among white races the fair complexioned man has a higher voice than his darker skinned brother. The former is usually a baritone or a tenor, the latter a contralto or bass. It is asserted that tenors are usually of slender build, whereas basses are stout, but there are too many exceptions to such a rule for it to be reliable. The same remark applies to the statement that thoughtful men have deep toned voices, and vice versa. The tones of a voice are perceptibly higher before than after a meal, for which reason tenors are generally careful not to sing too soon after dinner.—Pearson's Weekly.

## Maiden Insurance.

The Maiden Insurance company is a singular Denmark institution. It is confined to the nobility, and the nobleman, as soon as a female child is born to him, enrolls her name on the company's books and pays in a certain sum and thereafter a fixed annual amount to the treasury. When the young girl has reached the age of twenty-one she is entitled to a fixed income and to an elegant suit of apartments, and this income and this residence, both almost princely, are hers until she either marries or dies. The society has existed for generations. It has always prospered. Thanks to it, poverty stricken old maids are unknown among the Danish nobility, but every maiden lady is rich and happy.

# THE KING OF CURES

## DR. KING'S

# NEW DISCOVERY

FOR COUGHS AND COLDS.  
FOR WEAK, SORE LUNGS, ASTHMA,  
BRONCHITIS, HEMORRHAGES  
AND ALL  
THROAT AND LUNG  
DISEASES.  
PREVENTS PNEUMONIA

I regard Dr. King's New Discovery as the grandest medicine of modern times. One bottle completely cured me of a very bad cough, which was steadily growing worse under other treatments.  
EARL SHAMBERG, Codell, Kas.

PRICE 50c AND \$1.00

SOLD AND GUARANTEED BY  
**Evans Pharmacy.**

## ABERDEEN & ROCKFISH RAILWAY COMPANY.

TIME TABLE NO. 33

IN EFFECT 12 M. SUNDAY, DECEMBER 27, 1908.

### BETWEEN ABERDEEN AND HOPE MILLS.

NORTH BOUND, DAILY EXCEPT SUNDAY

Lcl Freight		Passenger Trains		
lv 7:00 am	lv 3:00 pm	lv 9:00 am	0	ABERDEEN
lv 7:10 am	lv 3:10 pm	lv 9:10 am	4	LEAVITTS
lv 7:30 am	lv 3:30 pm	lv 9:30 am	7	ENDON JUNCTION
lv 7:50 am	lv 3:50 pm	lv 9:50 am	10	MONTRON-E
lv 7:45 am	lv 3:35 pm	lv 9:35 am	15	TIMBERLAND
ar 7:55 am				
lv 9:05 am	lv 3:35 pm	lv 9:40 am	19	RAEFORD
lv 9:30 am	lv 3:40 pm	lv 9:50 am	24	DUNBARROCH
lv 9:40 am	lv 3:54 pm	lv 9:55 am	27	ARABIA
lv 9:55 am	lv 4:05 pm	lv 10:05 am	30	ROCKFISH
lv 10:00 am	lv 4:05 pm	lv 10:10 am	31	HOPE MILLS JUNCT
			34	TREE FALL
ar 10:30 am	ar 4:40 pm	ar 10:40 am	40	HOPE MILLS

SOUTH BOUND, DAILY EXCEPT SUNDAY

Passenger Trains		Local Freight	
ABERDEEN	40	ar 1:30 pm	ar 6:40 pm
LEAVITTS	8	lv 1:15 pm	lv 6:25 pm
ENDON JUNCT	8	lv 1:10 pm	lv 6:20 pm
MONTRON-E	6	lv 1:05 pm	lv 6:15 pm
TIMBERLAND	8	lv 12:55 pm	lv 6:05 pm
RAEFORD	7	lv 12:45 pm	lv 5:55 pm
DUNBARROCH	10	lv 12:30 pm	lv 5:40 pm
ARABIA	5	lv 12:20 pm	lv 5:30 pm
ROCKFISH	6	lv 12:10 pm	lv 5:20 pm
HOPE MILLS JCT.	2	lv 12:05 pm	lv 5:15 pm
TREE FALL	10		
		lv 11:50 pm	lv 5:00 pm
			lv 11:40 pm

Our train No. 41 makes close connection with the A.C.L. at Hope Mills and at Aberdeen we also make close connection with the A. & S. train No. 72, leaving Aberdeen at 2:00, arriving at Jackson Springs at 3:15, returning A. & S. train No. 71, leaves Jackson Springs at 11:15, arrives at Aberdeen at 1:00 o'clock, and makes connection with our train No. 38, which also connects with the A. C. L. south bound trains at Hope Mills.

All North Bound Trains have right of track over South Bound Trains of same class.

Local Freight Trains will keep 15 minutes off the time of Mixed Passenger and Freight Trains.

All Trains will register at Hope Mills Junction.

Approved: JOHN BLUE, Pres. C. N. BLUE, Supt.

## The Man of the Hour--

Is the man with the money, for he is ready for all emergencies, and his interests have always been identified with a bank from the time he first opened a Savings Account up to the present.

Would YOU not like to follow in his steps? Come in and we will show you the way

## The Bank of Dillon, Dillon, S. C.



## ASHCRAFT'S Condition Powders

A high-class remedy for horses and mules in poor condition and in need of a tonic. Builds solid muscle and fat; cleanses the system, thereby producing a smooth, glossy coat of hair. Packed in doses. 25c. box. Sold by BRUNSON'S DRUG STORE

## Correcting Mistakes

They will make mistake sometimes—typewriter operators; but who won't? The important thing is to correct mistake with the least possible loss of time. With

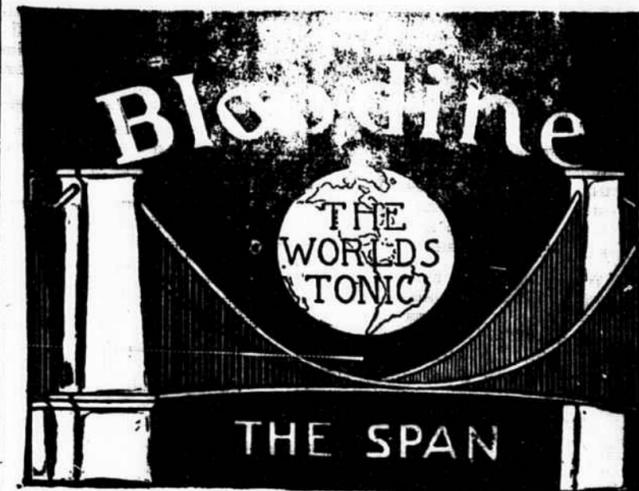
## The Underwood

the visible writing makes the error immediately apparent. Then the place for a replacing letter is shown—right in line with the "V shaped" notch in the type-bar guide. No calculation is necessary—the type cannot go to the wrong point.



If saving of time and increase in efficiency are worth securing in your office, then it is well worth while to obtain full knowledge of the Underwood Standard Typewriter and the superior features it possesses. If you will come in, no further draft on your time and patience will be made than you choose to permit.

UNDERWOOD TYPEWRITER COMPANY, Inc. ANYWHERE



of life is uncertain—it may be long or it may be short—this largely depends upon your health, and when you find the spans weakening and you feel all run down, nervous, irritable, melancholy; losing flesh; have no appetite; feel faint; cant sleep; have bad dreams; dizziness or swimming of the head; your hands and feet get cold, tingle and get numb; have pains in your side or back; brick-dust deposit in urine; have acid stomach or heartburn; feel stiff and sore across the shoulders; have shooting pains throughout the body; have to strain or a desire to urinate often, or a burning sensation when passing it, you should commence to take Bloodine to-day. Go or send to your druggist now for a bottle. Don't wait! Delays are dangerous!

Mrs. A. C. Taintor, Colchester, Conn., tells how any woman can build up their run-down system. They can be permanently cured of monthly pains and all female diseases.

Colchester, Conn., March 26, 1904. THE BLOODINE CO., Boston, Mass. Gentlemen—Through a friend in Milford I am induced to try your Bloodine. I enclose 50c for sample bottle. Yours truly, Mrs. A. C. Taintor.

Colchester, Conn., July 26, 1904. THE BLOODINE CO., Boston, Mass. Gentlemen—I enclose \$1.00 money order for (12) twelve bottles of your Bloodine. Please send me up. I saw a change for the better after taking. We will forfeit \$1,000 if the originals of the above letters proving genuineness cannot be produced.

Such positive proof of the remarkable merits of Bloodine have been shown to us that we do not hesitate to guarantee every bottle we sell. Bloodine costs 50c. a bottle for the usual \$1.00 size. Mail orders filled. Large Sample Bottle by mail 10c.

Bloodine Liver Pills cure Constipation, 25c. a box.

EVANS PHARMACY

## SCHOOL OPENING!

Let us help you get the Girls and Boys ready for the fall opening.

## We Have What You Need.

A full line of all washable fabrics, in all colors, Dress Linens, English Cheviots, Grecian Repts, Butcher Linens, colors and white, Taffeta, Foulards in all designs, Ginghams, Percals.

## Full Line White Wash Goods.

These lines are very attractive and are the proper things for hard wear.

W. H. DUNBAR  
DILLON, S. C.